

FIG. 1

Prior Art

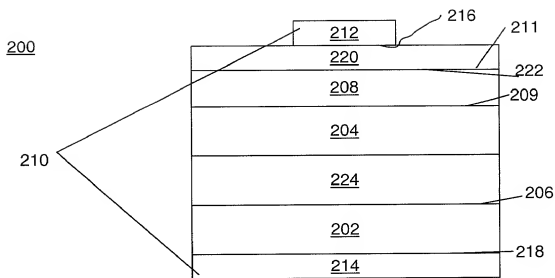


FIG. 3

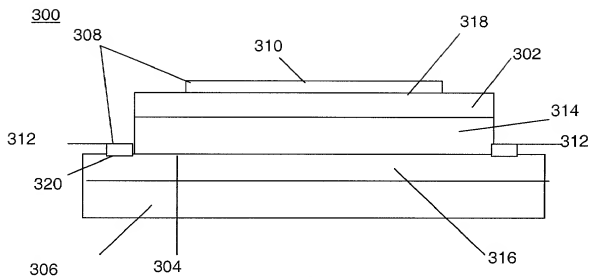


FIG. 4

Providing a gallium
nitride substrate
402

Depositing at least one
active layer on the gallium
nitride substrate
404

Affixing a conductive
connecting structure to at
least one of the at least one
active layer and the gallium
nitride substrate
406

Incorporating at least one
dopant into the gallium
nitride substrate
408

FIG. 5